Index for Volume 36 [1965]

Prepared for the Research Council by J. Grove Wolf assisted by Bernard G. Starks

Authors and important topics are indexed. Topics selected for indexing are those for which the article supplies information or data. The brief descriptive phrase is followed by the author's name, month of issue, and page of reference.

abdominals

electromyographic study of, Flint, M. M. and Gudgell, J., March: 29.

accuracy

speed, and fatigue in motor learning, Alderman, R. B., May: 131.

activity

effect of diet on, MacNab, R. B. J., Reineke, E. P. & Montoye H. J., Dec.: 448.

Adams, Gary L., Mar.: 3.

after-effects

from gross action patterns, Cratty, B. J., Oct.: 237.

of resistance on performance, Stockholm, A. J. & Nelson, R. C., Oct: 337.

Alderman, Richard B., May: 131; Oct.: 227.

Alley, Louis E., Oct.: 233.

Asprey, Gene M., Oct.: 233.

attitude

toward physical education, Brumbach, W. B. and Cross, J. A., March: 10. toward warm-ups on performance, Smith, J. L. and Bozymowski, M. F., March: 78.

back strength

effect of hand grip on, Berger, R. A. & Hinojosa, R., Oct: 366.

ball handling

effect of oversized basketball on shooting and, Lindeburg, F. A. and Hewitt, J. E., May: 164.

Banister, E. K., Dec.: 387.

Barker, D. G., Dec.: 464: 468.

hasehall

effect of eye dominance on, Adams, G. L., March: 3.

basketball

practice effects on acquisition and retention of a novel skill, Singer, R. N., March: 68.

effect of oversized ball on shooting and ball handling, Lindeburg, F. A., and Hewitt, J. E., May: 164.

batting

effect of eye dominance on, Adams, G. L., March: 3.

Berger, Richard A., May: 141; Oct.: 366; 368.

Blumenfeld, Warren S., May: 205

body composition

physical performance and, Leedy, H. E., Ismail, A. H., Kessler, W. V., and Christian, J. E., May: 158.

body concept

related to self-concept, Zion, L. C., Dec. 490.

Borders, Susan, Mar.: 120.

Bozymowski, Margaret F., Mar.: 78.

Brumbach, Wayne B., Mar.: 10.

Cain, Rolene, L., Mar. 102.

California Psychlogical Inventory psychological differences between athletes and non-athletes, Schendel, J., March: 52.

Index for Volume 36 [1965]

Prepared for the Research Council by J. Grove Wolf assisted by Bernard G. Starks

Authors and important topics are indexed. Topics selected for indexing are those for which the article supplies information or data. The brief descriptive phrase is followed by the author's name, month of issue, and page of reference.

abdominals

electromyographic study of, Flint, M. M. and Gudgell, J., March: 29.

accuracy

speed, and fatigue in motor learning, Alderman, R. B., May: 131.

activity

effect of diet on, MacNab, R. B. J., Reineke, E. P. & Montoye H. J., Dec.: 448.

Adams, Gary L., Mar.: 3.

after-effects

from gross action patterns, Cratty, B. J., Oct.: 237.

of resistance on performance, Stockholm, A. J. & Nelson, R. C., Oct: 337.

Alderman, Richard B., May: 131; Oct.: 227.

Alley, Louis E., Oct.: 233.

Asprey, Gene M., Oct.: 233.

attitude

toward physical education, Brumbach, W. B. and Cross, J. A., March: 10. toward warm-ups on performance, Smith, J. L. and Bozymowski, M. F., March: 78.

back strength

effect of hand grip on, Berger, R. A. & Hinojosa, R., Oct: 366.

ball handling

effect of oversized basketball on shooting and, Lindeburg, F. A. and Hewitt, J. E., May: 164.

Banister, E. K., Dec.: 387.

Barker, D. G., Dec.: 464: 468.

hasehall

effect of eye dominance on, Adams, G. L., March: 3.

basketball

practice effects on acquisition and retention of a novel skill, Singer, R. N., March: 68.

effect of oversized ball on shooting and ball handling, Lindeburg, F. A., and Hewitt, J. E., May: 164.

batting

effect of eye dominance on, Adams, G. L., March: 3.

Berger, Richard A., May: 141; Oct.: 366; 368.

Blumenfeld, Warren S., May: 205

body composition

physical performance and, Leedy, H. E., Ismail, A. H., Kessler, W. V., and Christian, J. E., May: 158.

body concept

related to self-concept, Zion, L. C., Dec. 490.

Borders, Susan, Mar.: 120.

Bozymowski, Margaret F., Mar.: 78.

Brumbach, Wayne B., Mar.: 10.

Cain, Rolene, L., Mar. 102.

California Psychlogical Inventory psychological differences between athletes and non-athletes, Schendel, J., March: 52. calisthenics see exercise

Campney, Harry K., May 207: Dec. 393;

· cardiac

response to sports participation, Skubic, V. & Hodgkins, J., Oct.: 316.

cardiovascular

fitness during volleyball, Sabie, M., Pangle, R. & Garrett, L., Dec. 496.

Christian, J. E., May 158.

Chui, Edward F., May 147.

cinematography

the Dichroic Mirror as an aid in studying performance, Cooper, J. M., and Sorani, R. P., May: 210.

circuit training

fitness training methods, Banister, E. W., Dec. 387.

communication

nonliteral modern dance, Turner, M. J., March: 86.

Cooper, John M., May 210.

correlation

coefficients and variance, Berger, R. A. & Sweney, A. B., Oct: 368.

Coutts, Curtis A., Mar. 17.

Cratty, Bryant, J., Mar. 22: Oct. 237.

Cross, John A., Mar. 10.

culture

psychosocial characteristics and teachers, Kenyon, G. S., March: 105

curriculum

guidelines for improving physical education, Koss, R. S., Oct: 282.

nature, forms, and communication of non-literal, Turner, M. J., March: 86.

Dempsey, Jerry A., March: 96.

developmental tasks

a source of health interests, Kime, R. E., March: 38.

dichroic mirror

a cinematographic aid in studying performance, Cooper, J. M. and Sorani, R. P. May: 210.

effect of on activity, MacNab, R. B. J., Reineke, E. P., & Montoye, H. J., Dec.: 448.

diffusion

of CO2 in meteorological balloons and oiled syringes, Kasch, F. W. and Phillips, W. H., March: 104.

distribution of practice

stabilometer performance, Ryan, E. D.. May: 197.

Dyer tennis test

revised test, Hewitt, J. E., May: 153.

dvnamometer

effect of hand grip on back strength, Berger, R. A. & Hinojosa, R., Oct.:

eating

time effect on 2-mile run, Asprey, G. M., Alley, L. E., & Tuttle, W. W., Oct.: 233.

Egstrom, Glen, Oct: 374.

elhow

effect of overload on speed of flexion, Nelson, R. C. and Nofsinger, M. R., May: 174.

strength & speed of flexion, Nelson, R. C. & Fahrney, R. A., Dec.: 455.

electromyography

study of abdominal muscular activity during exercise, Flint, M. M. and Gudgell, J., March: 29.

ergometer

effects of music on pulse and work, Coutts, C. A., March: 17.

effects of pre-exercise conditions on heart rate & O2 uptake during exercise & recovery, Falls, H. B. & Weibers, J. E., Oct: 243.

exercise

electromyographic study of abdominal muscular activity, Flint, M. M. and Gudgell, J., March: 29.

response of metabolism and fatty acids to, Dempsey, J. A. and Gordon, S. G., March: 96.

changes in girth and fat following isometrics, Mohr, D. R., May: 168, validity of samples of expired air dur-

ing, Blumenfeld, W. S. and Remmers, H. H., May: 205.

effects of pre-exercise conditions on heart rate & oxygen uptake during recovery and, Falls, H. B. & Weibers, J. E., Oct: 243.

hematologic changes from isometrics, Zauner, C. W. & Kaplan, H. M., Oct.: 357.

use of rat in experimentation on, Hardin, D. H., Oct: 370.

cardiac response to participation in sports, Skubic, V. & Hodgkins, J., Oct.: 316.

effects of rest period length on muscular endurance, Solley, W. H. & Whipp, B. J., Oct.: 327.

effects on physical fitness, Campney, H. K. & Vincent, M. F., Dec.: 393.

experimental groups matched, Slater-Hammel, A. T., March: 116.

dominance and baseball batting, Adams, G. L., March: 3.

facilitation isometric training effects upon, Kroll, W., Dec.: 427.

Fahrney, Richard A., Dec.: 455.

Falls, Harold B., Oct.: 243.

fat changes in girth and following exercise, Mohr, D. R., May: 168.

atigue components in muscular, Kroll, W.,

March: 113. influence on speed and accuracy in motor learning, Alderman, R. B., May: 131.

work load and arm movement, Alderman, R. B., Oct.: 227.

fatty acids
response of resting metabolism and to
exercise, Dempsey, J. A. and Gordon,
S. G., March: 96.

fitness see physical fitness

flexibility and strength related to posture, Hutchins, G. L., Oct.: 253.

effect of overload on speed of elbow, Nelson, R. C. and Nofsinger, M. R., May: 174.

strength & speed of elbow, Nelson, R. C. and Fahrney, R. A., Dec.: 455.

Flint, M. Marilyn, March: 29.

floating

variations with age, Whiting, H. T. A., May: 216. device used in teaching swimming, Kaye, R. A., Oct.: 277.

football

impact-absorbing qualities of helmets, Kovacic, C. R., Dec.: 420, personality profiles, Kroll, W. and Petersen, K. H., Dec.: 433, values test, Kroll, W., and Petersen,

K. H., Dec.: 441.

forehand drive two methods of teaching in tennis, Solley, W. H. and Borders, S., March: 120.

Gardner, Gerald, Oct.: 374.

Garrett, Leon, Dec.: 496.

girth changes in fat and following exercise, Mohr, D. R., May: 168.

golf-o-tron a teaching aid related to improvement and transfer, Chui, E. F., May: 147.

Gordon, S. G., March: 96.

grip effect of on back strength, Berger, R. A. & Hinojosa, R., Oct: 366.

Gudgell, Janet, March: 29.

gymnastics learning under mental practice, Jones, J. G., Oct.: 270.

Hall, D. M., March: 102.

Hardin, Donald H., Oct.: 370.

health developmental tasks as a source of interests, Kime, R. E., March: 38.

heart rate
effect of pre-exercise conditions on an
oxygen uptake during exercise and
recovery, Falls, H. B. & Weiber, J. E.,
Oct.: 243.

hematology changes resulting from isometric exercise, Zauner, C. W. & Kaplan, H. M., Oct.: 357.

Hewitt, Jack E., May: 153, 164.

Hinojosa, Ralph, Oct.: 366.

Hodgkins, Jean, Oct.: 316.

Hutchins, Gloria L., Oct.: 253.

improvement

golf-o-tron as a teaching aid related to transfer and, Chui, E. F., May: 147.

Ismail, A. H., May: 158.

isometrics

changes in girth and fat following exercise, Mohr, D. R., May: 168.

hematologic changes from exercise, Zauner, C. W. & Kaplan, H. M., Oct.: 357.

effects upon central facilitation, Kroll, W., Dec.: 427.

strength differences with angles of pull, Campney, H. K., & Wehr, R. W., Dec.: 403.

Jones, John G., Oct.: 270.

Kaplan, Harold M., Oct.: 357.

Kasch, Fred W., March: 104.

Kaye, Richard A., Oct.: 277.

Kenyon, Gerald S., March: 105; Dec.: 413.

Keogh, Jack, Oct.: 374.

Kerr, Barry A., Oct.: 377.

Kessler, W. V., May: 158.

Kime, Robert E., March: 38.

kinesthetics

overload and speed of elbow flexion, Nelson, R. C. & Nofsinger, M. R., May: 174.

knee extension

strength differences with angles of pull, Campney, H. K. & Wehr, R. W., Dec.: 403.

measuring reaction time and movement time of, Kerr, B. A., Oct.: 377.

Koss, Rosabel S., Oct.: 282.

Kovacic, Charles R., Dec.: 420.

Kroll, Walter, March: 113; Dec.: 427, 433, 441.

Lambert, Ward, Oct.: 296.

learning

see motor learning

Leedy, H. E., May: 158.

Lindeburg, Franklin A., May: 164.

MacNab, Ross B. J., Dec.: 443.

perceptual alterations of veer, Cratty, B. J., March: 22.

McClenny, Byron N., Oct.: 289.

McCraw, Lynn W., Oct.: 289.

measurement

matched groups and repeated data, Slater-Hammel, A. T., Dec.: 499.

mental practice see practice

metabolism

response of fatty acids and to exercise, Dempsey, J. A., and Gordon, S. G., March: 96.

Mohr, Dorothy R., May: 168.

Montoye, Henry J., Dec.: 448.

motivation

factors in sit-ups, Hall, D. M. and Cain, R. L., March: 102.

motor learning influence of fatigue on speed and accuracy in, Alderman, R. B., May: 131. mental practice without physical prac-

tice, Jones, J. G., Oct.: 270. effects of progressively changing practice

schedules on, Oxendine, J. B., Oct.: 307.

practice and retention of a basketball skill, Singer, R. N., March: 68.

motor performance

effect of attitude toward warm-ups on, Smith, J. L. and Bozymowski, M. F., March: 78.

effect of spectators on, Singer, R. N., Dec.: 473.

and body composition, Leedy, H. E., Ismail, A. H., Kessler, W. V. and Christian, J. E., May: 158.

the Dichroic Mirror as a cinematographic aid in the study of, Cooper, J. M. and Sorani, R. P., May: 210.

effects of rest periods on a muscular endurance test, Solley, W. H. and Whipp, B. J., Oct.: 327.

after-effects of resistance upon, Stockholm, A. J. and Nelson, R. C., Oct.:

of Peace Corps trainees, Keogh, J., Egstrom, G., and Gardner, G., Oct.: 374.

motor skill

prediction of success from early achievement, Trussell, E., Oct.: 242.

effect of practice schedules on learning of, Oxendine, J. B., Oct.: 307.

movement

cinematographic aid in performance study, Cooper, J. M. and Sorani, R. P., May: 210.

movement time

and reaction time of knee-extension, Kerr, B. A., Oct.: 377.

muscular endurance

effect of rest periods on test on, Sollev. W. H. and Whipp, B. J., Oct.: 327.

muscle

electromyographic study of abdominals, Flint, M. M. and Gudgell, J., March:

components in fatigue curves, Kroll, W., March: 113.

music

effects on pulse rates and work output, Coutts, C. A., March: 17.

Nelson, Richard C., May: 174; Oct.: 296; 337: Dec.: 455.

Nofsinger, Michael R., May: 174.

response of metabolism and fatty acids to exercise in, Dempsey, J. A. and Gordon, S. G., March: 96.

obstacle race

effect of attitude toward warm-ups on, Smith, J. L. and Bozymowski, M. F., March: 78.

overload

effect on speed of elbow flexion, Nelson, R. C. and Nofsinger, M. R., May: 174. after-effect of on speeds of movement, Nelson R. C. and Lambert, W., Oct:

Oxendine, Joseph B., Oct.: 307.

oxygen uptake

effects of pre-exercise conditions on heart rate and during exercise and recovery. Falls, H. B. and Weibers, J. E., Oct.: 243.

Pangle, Roy, Dec.: 496.

participation

extreme physical activity groups, Ruffer, W. A., May: 183.

preference of high school students, Blumenfeld, W. S. and Remmers, H. H., May: 205.

cardiac response in selected sports, Skubic, V. and Hodgkins, J., Oct.: 316.

Peace Corps

physical performance of trainees, Keogh, J., Egstrom, G., & Gardner, G., Oct.: 374.

perception

alterations of veer by interpolated movement, Cratty, B. J., March: 22. figural after-effects, Cratty, B. J., Oct.:

237.

after-effects of overload on speeds of movement, Nelson, R. C. and Lambert, W., Oct.: 296.

performance

see motor performance.

personality

and the non-swimmer, Whiting, H. T. A. & Stembridge, D. E., Oct.: 348. profiles of football teams, Kroll, W. & Petersen, K. H., Dec.: 433. and physical fitness, Tillman, K., Dec.: 483.

Petersen, Kay H., Dec.: 433, 441.

Phillips, William H., March: 104.

physical activity

extreme groups of, Ruffer, W. A., May: 183.

physical education

attitudes toward, Brumbach, W. B. & Cross, J. A., March: 10.

psychosocial and cultural characteristics of prospective teachers of, Kenyon, G. S., March: 105.

physical fitness

abdominal muscular activity, Flint, M. M. and Gudgell, J., March: 29. training methods, Banister, E. W., Dec.:

387.

reliability of strength tests, McGraw, L. W. & McClenney, B. N., Oct.: 289. effects of calisthenics on, Campney, H. K. & Vincent, M. F., Dec.: 393.

and socioeconomic status, Ponthieux, N. A. & Barker, D. G., Dec.: 464.

and race, Ponthieux, N. A. & Barker, D. G., Dec.: 468.

and personality, Tillman, K., Dec.: 483. volleyball and cardiovascular, Sabie, M., Pangle, R. & Garrett, L., Dec.: 496.

physical performance see motor performance

physical practice see practice

physiology

effects of music on pulse and work,

Coutts, C. A., March: 17. response of metabolism and fatty acids to exercise, Dempsey, J. A. and Gordon, S. G., March: 96.

validity of expired air samples during exercise, Campney, H. K. and Pleasants, F., Jr., May: 207.

arm fatigue in two work loads, Alderman, R. B., Oct.: 227.

effects of pre-exercise conditions on heart rate & 0° uptake during exercise & recovery, Falls, H. B. & Weibers, J. E., Oct.: 243.

Pleasants, Francis, Jr., May: 207.

Ponthieux, N. A., Dec.: 464, 468.

strength and flexibility related to, Hutchins, G. L., Oct.: 253.

effects on acquisition and retention of basketball skill, Singer, R. N., March: 68.

stabilometer performance and distribution of, Ryan E. D., May: 197.

effect of progressive schedules on learning of a motor skill, Oxendine, J. B., Oct.: 307.

motor learning without physical and with mental, Jones, J. G., Oct.: 270.

prediction

motor skill success by early achievement, Trussell, E., Oct.: 342.

psychology

differences between athletes and non-athletes, Schendel, J., March: 52. personality profiles of football teams, Kroll, W. & Petersen, K. H., Dec.: 433.

values test and football teams, Kroll,

W. & Petersen, K. H., Dec.: 441. socioeconomic status and physical fitness, Ponthieux, N. A. & Barker, D. G., Dec.: 464.

physical fitness and personality, Tillman, K., Dec.: 483.

body concept related to self-concept, Zion, L. C., Dec.: 490.

psychosocial

and cultural characteristics of teachers, Kenyon, G. S., March: 105.

pulse rate

effects of music on work output and, Coutts, C. A., March: 17.

race

and physical fitness, Ponthieux, N. A. & Barker, D. G., Dec.: 468.

reaction time

and movement time of knee-extension, Kerr, B. A., Oct.: 377.

recovery

effects of pre-exercise conditions on heart rate & oxygen uptake during exercise and, Falls, H. B. and Weibers, J. E., Oct.: 243.

Reineke, E. Paul, Dec.: 448.

reliability

of fitness strength tests, McCraw, L. W. & McClenney, B. N., Oct.: 289.

Remmers, H. H., May: 205.

research abstracts

March: 123, May: 219.

resistance

after-effects of on performance, Stockholm, A. J. & Nelson, R. C., Oct.: 337.

effects of on maximum performance on a muscular endurance test, Solley, W. H. & Whipp, B. J., Oct.: 327.

retention

of stabilometer performance, Ryan, E. D., March: 46.

of basketball skill and practice, Singer, R. N., March: 68.

Ruffer, William A., May: 183.

running

effect of eating times on, Asprey, G. M., Alley, L. E., & Tuttle, W. W., Oct.:

Ryan, E. Dean, March: 46; May: 197.

Sabie, Mohammed, Dec.: 496.

safety

of football helmets, Kovacic, C. R., Dec.: 420.

Schendel, Jack, March: 52.

self-concept.

and body concept, Zion, L. C., Dec.: 490.

shooting

effect of oversized basketball on ball handling and, Lindeburg, F. A., and Hewitt, J. E., May: 164. shoulder

strength differences with angles of pull, Campney, H. K. & Wehr, R. W., Dec.:

Singer, Robert N., March: 68; Dec.: 473.

sit-ups

motivational factors in, Hall, D. M. and Cain, R. L., March: 102.

practice effects on acquisition and retention of basketball, Singer, R. N., March: 68.

Skubic, Vera, Oct.: 316.

Slater-Hammel, A. T., March: 116; May: 212; Dec.: 499.

Smith, Judith L., March: 78.

socioeconomic status & physical fitness, Ponthieux, N. A. & Barker, D. G., Dec.: 464. culture & psychosocial characteristics of

teachers, Kenyon, G. S., March: 105.

Solley, William H., March: 102; Oct.: 327.

Sorani, Robert P., May: 210.

spectators

effect on motor performance, Singer, R. N., Dec.: 473.

accuracy, and fatigue in motor learning, Alderman, R. B., May: 131.

effect of overload on elbow flexion, Nelson, R. C. and Nofsinger, M. R., May: 174.

of movement and after-effects of overload, Nelson, R. C. & Lambert, W.,

and strength of elbow flexion, Nelson, R. C., & Fahrney, R. A., Dec.: 455.

cardiac response to participation in, Skubic, V. & Hodgkins, J., Oct.: 316.

sports preferences

as defined by participation, Blumenfeld, W. S. and Remmers, H. H., May: 205.

stabilometer

retention of performance over time, Ryan E. D., March: 46.

distribution of practice and performance on, Ryan, E. D., May: 197.

effect of spectators on motor performance, Singer, R. N., Dec.: 473.

statistics

design for evaluating significance of a difference between means, Slater-Hammel, A. T., May: 212.

multiple comparisons and ANOVA, Kenyon, G. S., Dec.: 413.

matched groups and repeated measurement data, Slater-Hammel, A. T., Dec.:

correlation coefficients and variance, Berger, R. A. & Sweney, A. B., Oct.: 368.

Stembridge, D. E., Oct.: 348.

Stockholm, Alan J., Oct.: 337.

strength

effect of weight training loads on, Berger, R. A., May: 141.

and flexibility related to posture, Hutchins, G. L., Oct.: 253.

reliability of fitness tests, McCraw, L. W. & McClenney, B. N., Oct.: 289. differences with angles of pull, Campney,

H. K. & Wehr, R. W., Dec.: 403. and speed of elbow flexion, Nelson, R. C. & Fahrney, R. A., Dec.: 455.

Sweney, Arthur B., Oct.: 368.

swimming

variations in floating with age, Whiting, H. T. A., May: 216.

flotation device in teaching swimming,

Kaye, R. A., Oct.: 277. personality and the non-swimmer, Whit-ing, H. T. A. & Stembridge, D. E., Oct.: 348.

teachers

psychosocial and cultural characteristics of, Kenyon, G. S., Mar.: 105.

teaching aids

teaching the forehand drive in tennis, Solley, W. H. and Borders, S., March:

golf-o-tron utilization, Chui, E. F., May: 147.

telemetry

cardiac response to participation sports, Skubic, V. & Hodgkins, J., Oct.: 316.

two methods of teaching the forehand drive, Solley, W. H. and Borders, S., March: 120.

Dyer backboard test, Hewitt, J. E., May: 153.

Tillman, Kenneth, Dec.: 483.

track

effect of eating times on 2-mile runs, Asprey, G. M., Alley, L. E., & Tuttle, W. W., Oct.: 233.

transfer

golf-o-tron as a teaching aid related to improvement and, Chui, E. F., May: 147

Trussell, Ella, Oct.: 342.

Turner, Margery J., March: 86.

Tuttle, W. W., Oct.: 233.

variance

and correlation coefficients, Berger, R. A. & Sweney, A. B., Oct.: 368.

ventilation

validity of expired air samples during exercise, Campney, H. K. and Pleasants, F., May: 207.

Vincent, Marilyn F., Dec.: 393.

volleyball

cardiovascular fitness during, Sabie, M., Pangle, R., & Garrett L., Dec.: 496. warm-ups

Smith, J. L. and Bozymowski, M. F., March: 78.

Wear attitude inventory

attitudes toward physical education, Brumbach, W. B. and Cross, J. A., March: 10.

Wehr, Richard W., Dec.: 403.

Weibers, Jacob E., Oct.: 243.

weight training

effect of loads on strength, Berger, R. A., May: 141.

Whipp, Bryan J., Oct.: 327.

Whiting, H. T. A., May: 216; Oct.: 348.

work

effects of music on pulse rates and, Coutts, C. A., March: 17. arm fatigue in two loads, Alderman, R. B., Oct.: 227.

wrist flexion

isometric training effects upon facilitation, Kroll, W., Dec.: 427.

Zauner, Christian W., Oct.: 357.

Zion, Leela C., Dec.: 490.